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Viewing 29 results

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Title	Principal Investigator	Institution	Grant Number
Biomarker discovery for mitochondrial toxicants using metabolic footprinting	hockenbery, david m.	Fred Hutchinson Cancer Research Center	R01ES020819
Distal Mitochondrial Signaling in a Multicellular Organism	dillin, andrew g	University Of California Berkeley	R01ES021667
Effects of environmental stressors on mitochondrial-cellular cross-talk	perrimon, norbert	Harvard Medical School	R21ES025615
Environmental Exposure Perturbs Mitochondrial Mechanisms during Neurodevelopment	ottens, andrew k	Virginia Commonwealth University	R21ES023060
Functional Profiling to Identify Mitochondria-cell Signaling Networks	vulpe, christopher d	University Of Florida	R21ES025660
Genetic sensitivity to mitochondrial toxicity	luz, anthony	Duke University	F31ES026859
Histone tails as an energy reservoir for mitochondrial function	mostoslavsky, raul	Massachusetts General Hospital	R21ES025638
INDUCIBLE MOUSE MODELS OF MITOCHONDRIAL ROS SIGNALING AND ENVIRONMENTAL STRESS	shadel, gerald	Yale University	R21ES025636
Identity of a serine hydrolase that controls mitochondrial calcium and cell death	leslie, christina carroll	National Jewish Health	R21ES025015
Imaging heme based mitochondrial-cell signaling networks in cell and animal models of heavy metal toxicity	reddi, amit ram	Georgia Institute Of Technology	R21ES025661
Imaging mitochondrial signaling in B-cells ectopically implanted in the eye	moraes, carlos torres	University Of Miami School Of Medicine	R21ES025673
Metabolic markers for mitochondrial function	mcmurray, cynthia therese	University Of Calif-Lawrenc Berkeley Lab	R01ES020766
Mitochondria Environmental Stress Signaling Networks	jones, dean paul	Emory University	R21ES025632
Mitochondrial DNA: a target and effector of pulmonary epithelial cell injury	szczesny, bartosz rafal	University Of Texas Medical Br Galveston	R21ES024648
Mitochondrial Metabolic Reprogramming and DNA Damage in Arsenic Carcinogenesis	fan, teresa whei-mei	University Of Kentucky	R21ES025669
Mitochondrial dynamics and metabolomic biomarkers in neurodegenerative disorders	trushina, eugenia	Mayo Clinic Rochester	R01ES020715
Molecular and Epigenetic Mitochondriomics of Air Particles, Lead and Cognition	baccarelli, andrea	Columbia University Health Sciences	R01ES021733

MtDNA damage as a biomarker for environmental mitochondrial toxicity	greenamyre, j timothy	University Of Pittsburgh At Pittsburgh	R01ES020718
New Oxidation-Sensing Probes to Evaluate Mitochondrial Dysfunction in Lung Injury	furdui, cristina maria	Wake Forest University Health Sciences	R21ES025645
Organelle Specific Oxidative Stress Response in Environmental Toxin-Induced Cellular Dysfunction	krishnamurthy, partha c	University Of Kansas Medical Center	R21ES026752
Oxygenated Species of Cardiolipins as Biomarkers of Mitochondrial Dysfunction	tyurina, yulia y	University Of Pittsburgh At Pittsburgh	R01ES020693
ROS driven mitochondrial-telomere dysfunction during environmental stress	van houten, benett	University Of Pittsburgh At Pittsburgh	R21ES025606
RT-SQuARED-M method to study the precise role of mitochondria in the oxidative damage caused by environmental toxins	mitra, kasturi	University Of Alabama At Birmingham	R21ES025662
Regulation of IL-6 and DNA and RNA methylation by PM-induced mitochondrial ROS	mutlu, gokhan m.	University Of Chicago	R21ES025644
Repair of Environmentally and Endogenously Induced Mitochondrial-DNA Damage	prakash, aishwarya	University Of South Alabama	R00ES024417
Sirt3: A Key Player Against PCB-Induced Mitochondrial Injury	aykin-burns, nukhet	Univ Of Arkansas For Med Scis	R15ES022781
Study of the mitochondrial-cellular response to environmental stress by fluorescence imaging	hajnoczky, gyorgy	Thomas Jefferson University	R21ES025672
The Roles of Polymerase Gamma Accessory Subunit Gene Mutations in Human Disease.	young, matthew j	Southern Illinois University Carbondale	R00ES022638
Understanding the pathway that links lipopolysaccharide (LPS) to mitochondrial function using a novel mouse model	ghosh, sankar	Columbia University Health Sciences	R21ES025677